

Figure 2



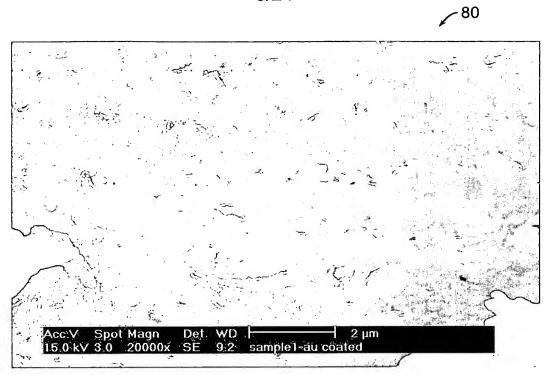


Figure 3A

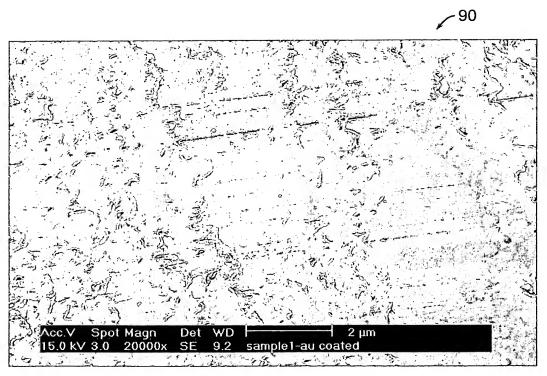
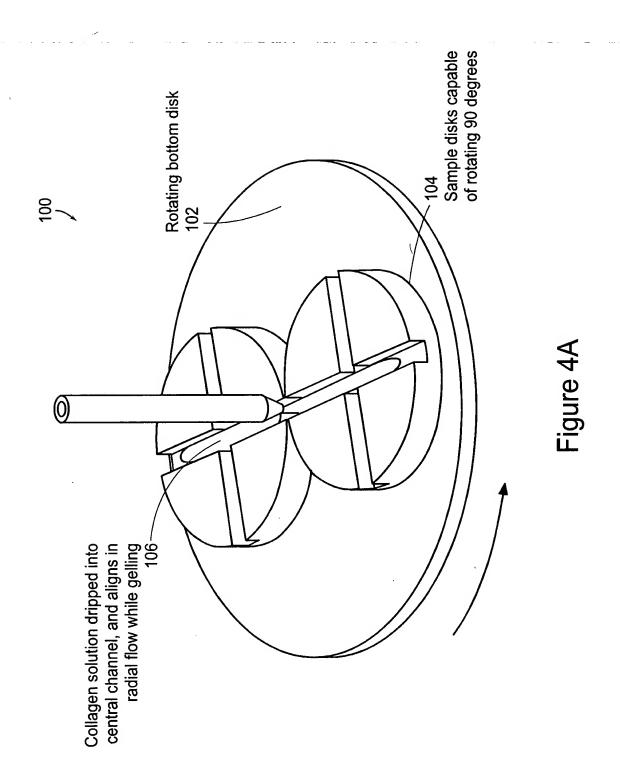
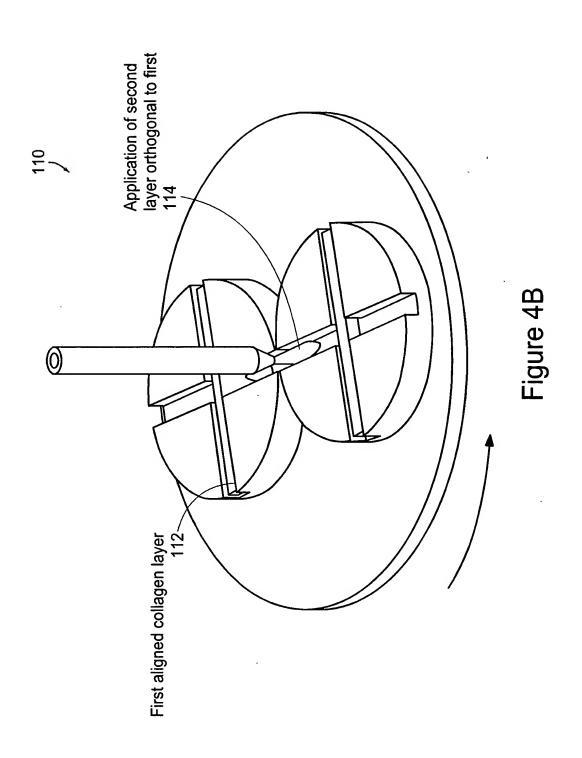


Figure 3B

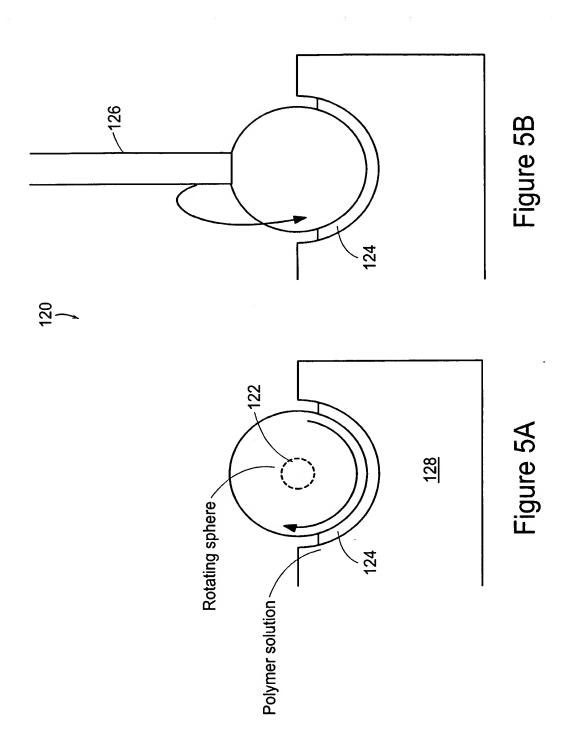
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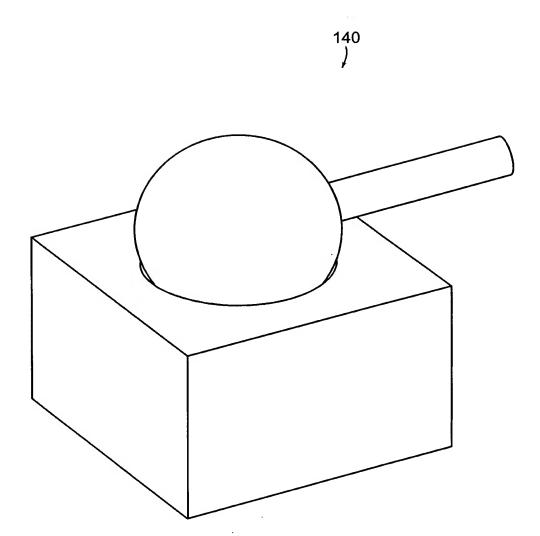


Figure 5C

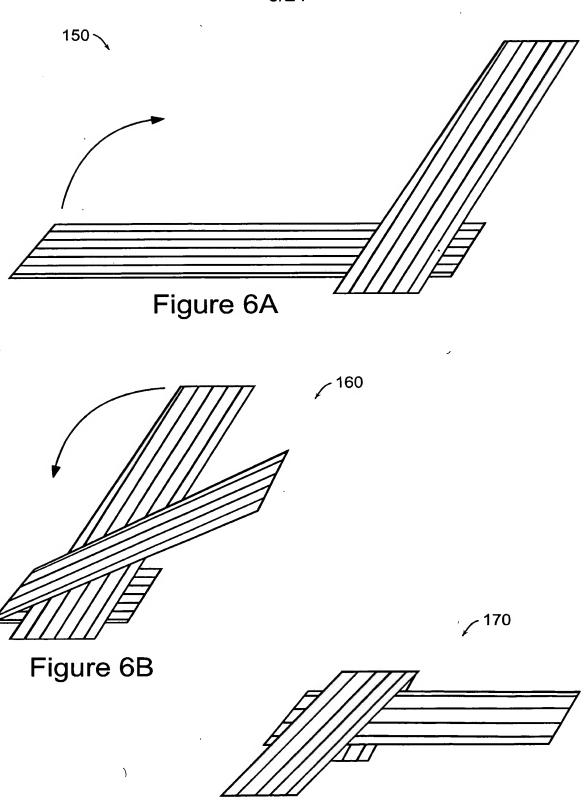
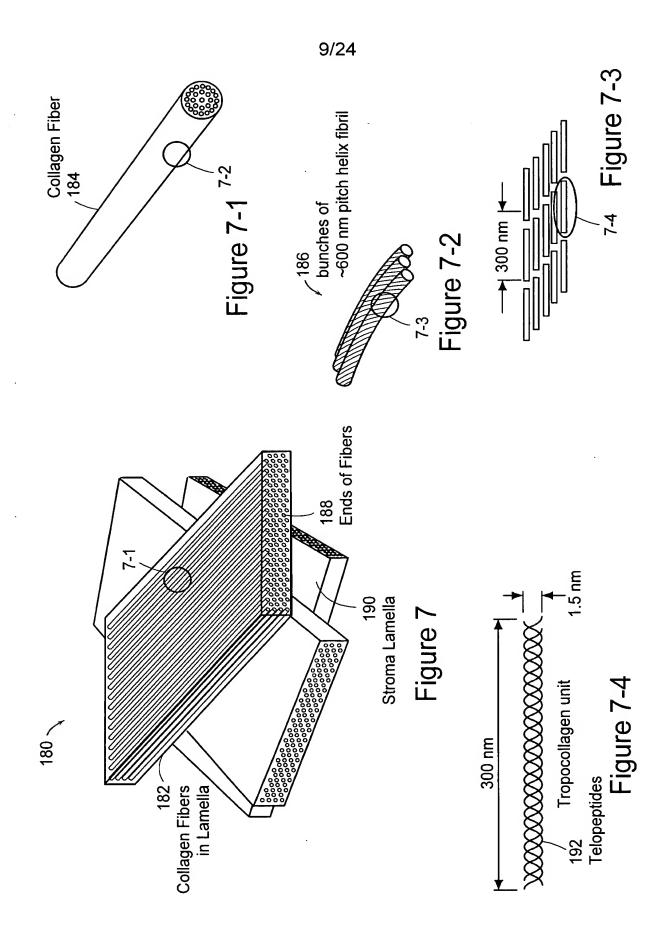
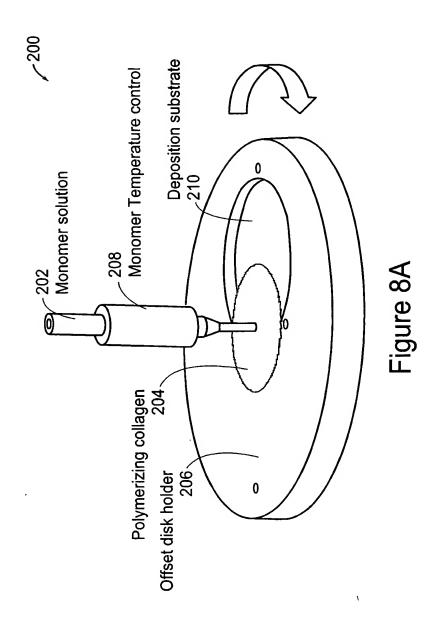


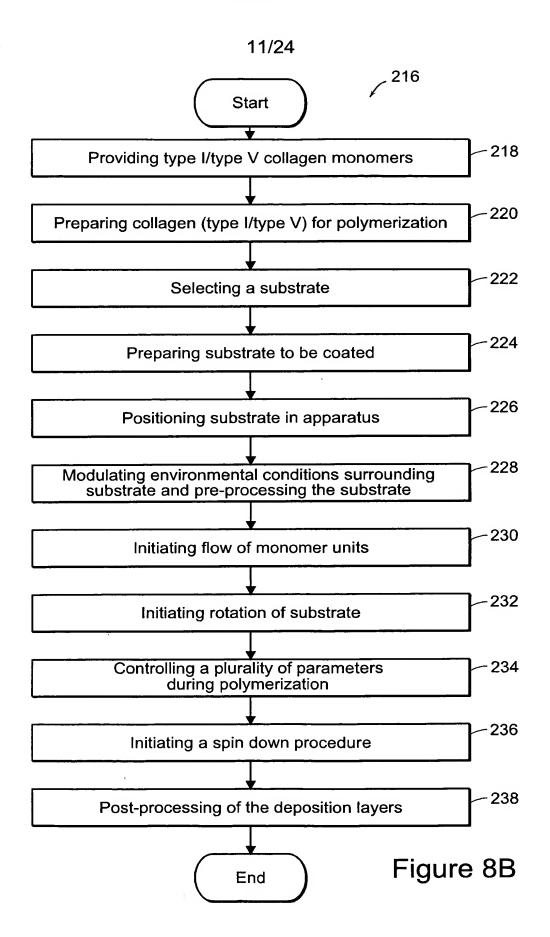
Figure 6C



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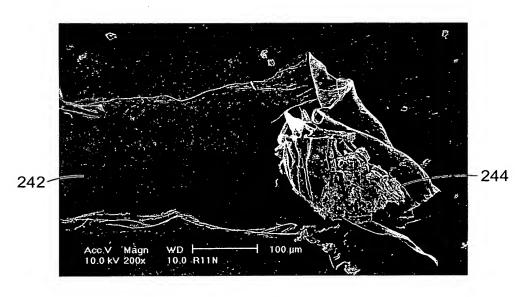


Figure 9

260

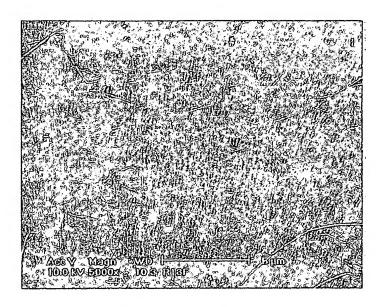


Figure 10

280

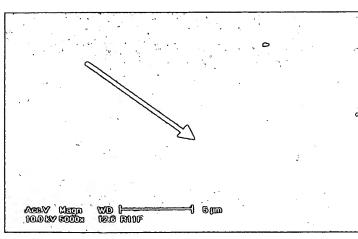


Figure 11

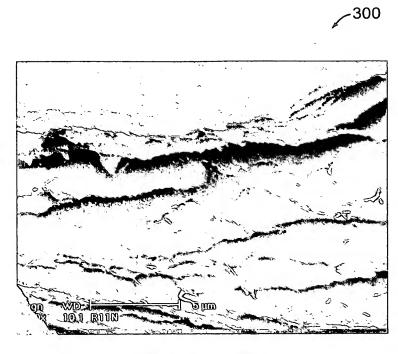


Figure 12

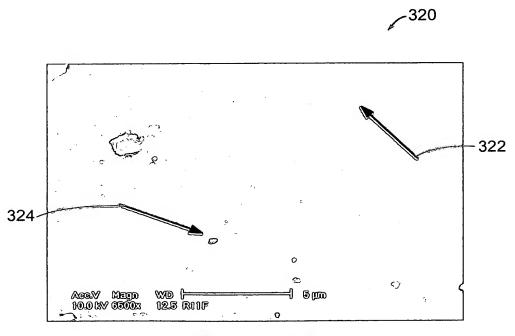
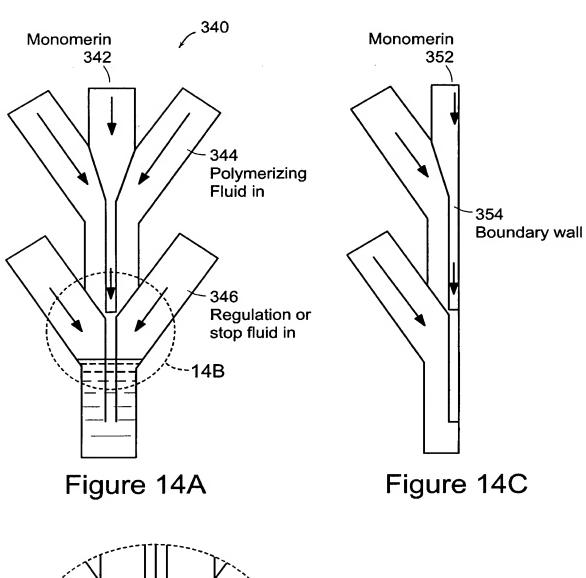
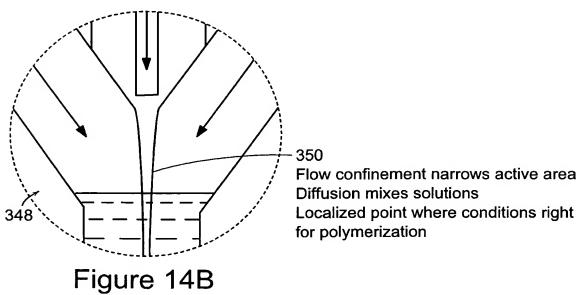


Figure 13

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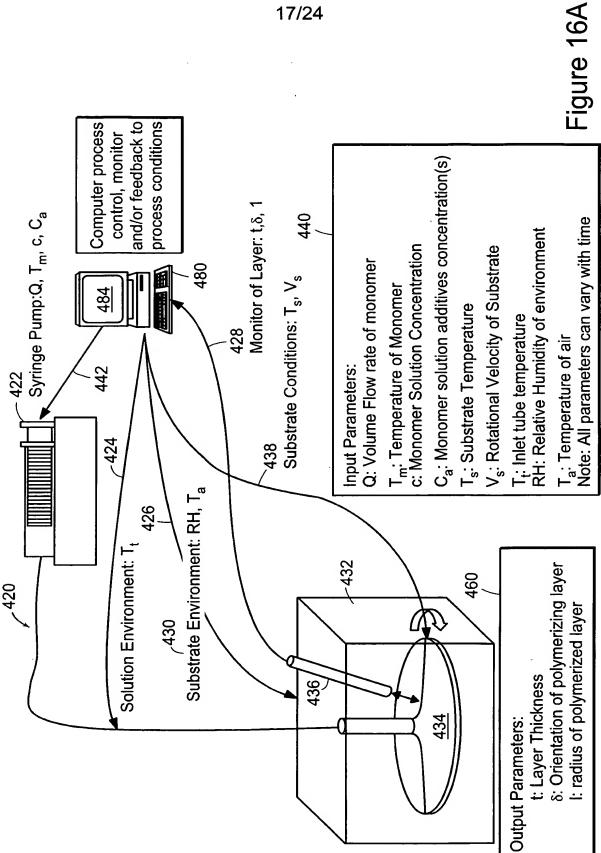




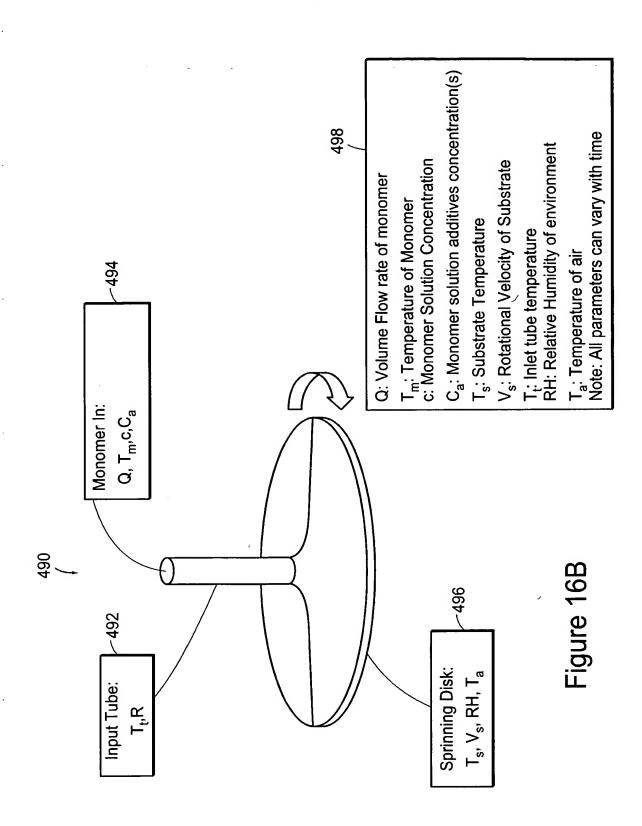
Pressures P1>P2>P3

Input of polymerizing fluid at pressure P2 390 Fixed 384 wall Anchor point 398 substrate Collagen monomer at pressure P1 382 388 at pressure P2 Input of fibril control fluid 386 "nanoloom" 394 Stop polymerizing fluid at pressure P3 392 "nanoloom" moves away wall with anchorpoint

Figure 15



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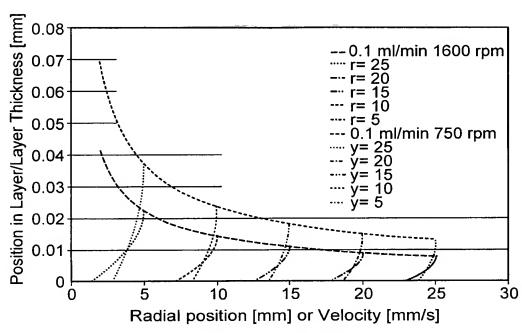


Figure 17A

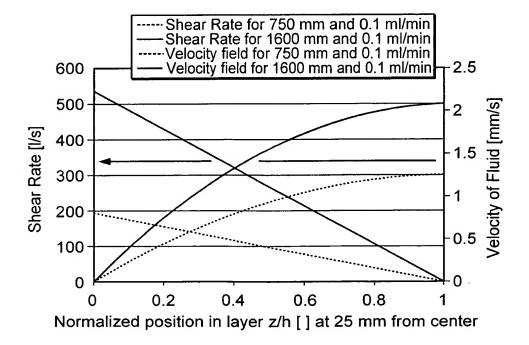


Figure 17B

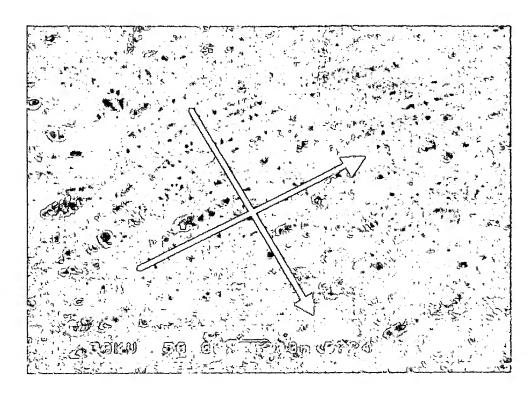


Figure 18

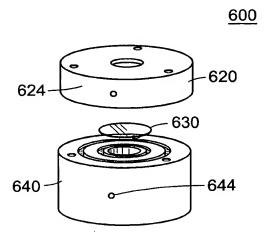
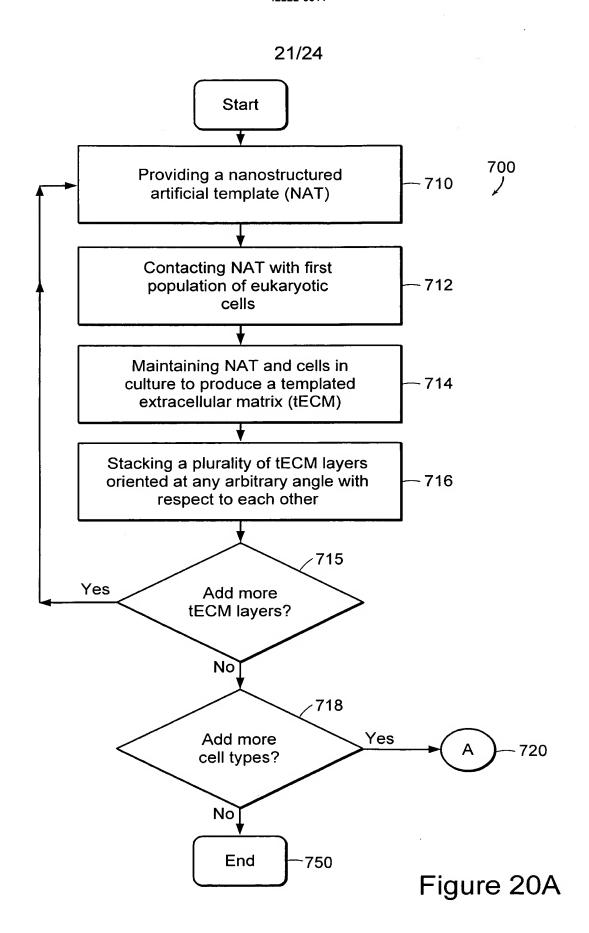
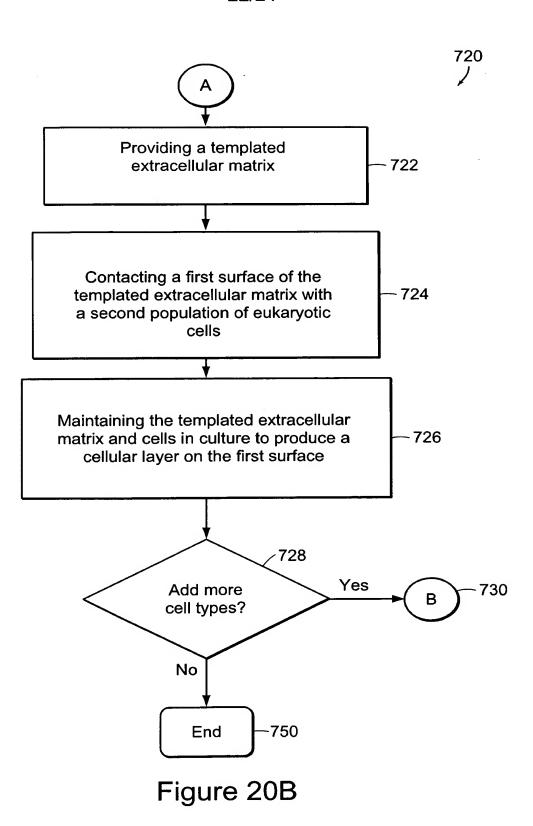


Figure 19





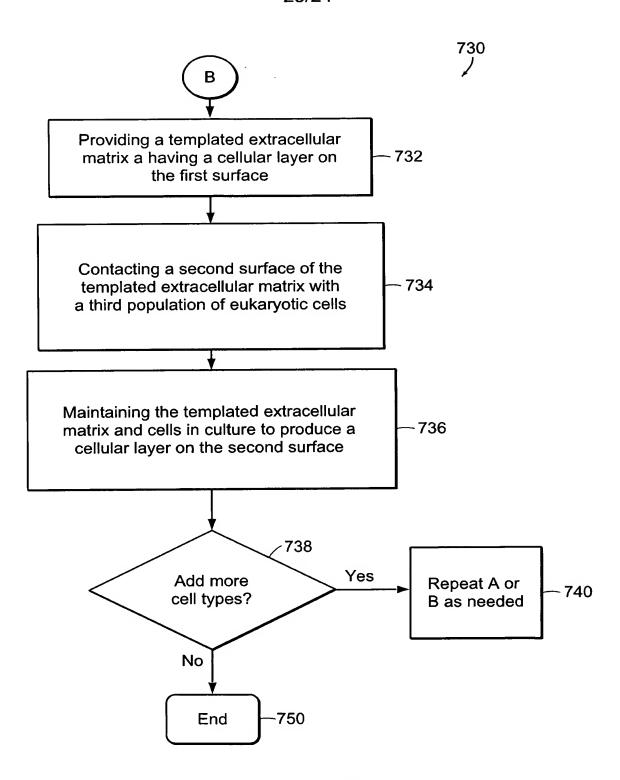


Figure 20C

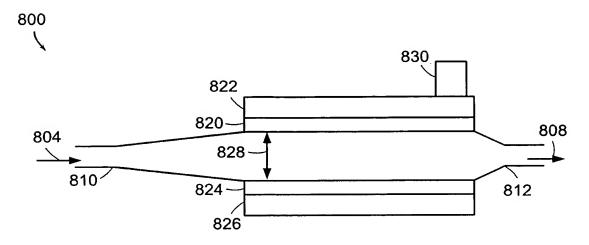


Figure 21A

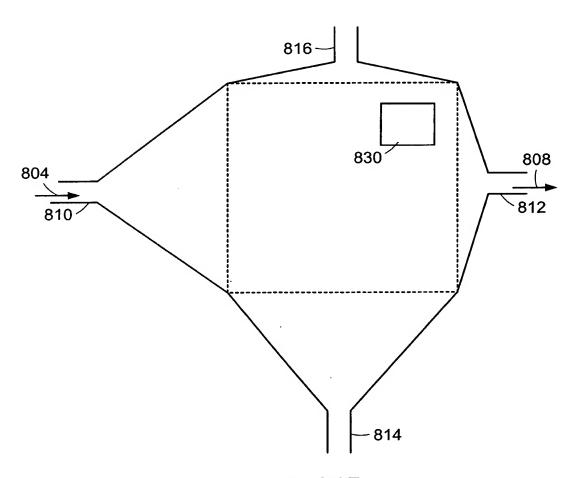


Figure 21B